MacBook Unibody Model A1342 Rear Speaker Replacement

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INTRODUCTION

Rock out too hard? Use this guide to replace a blown-out rear speaker.

TOOLS:

- Phillips #00 Screwdriver (1)
- Spudger (1)
- T8 Torx Screwdriver (1)

PARTS:

- MacBook Unibody (Model No. A1342 Late 2009) Rear Speaker (1)
- MacBook Unibody (Model No. A1342 Mid 2010) Rear Speaker (1)

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Step 1 — Lower Case

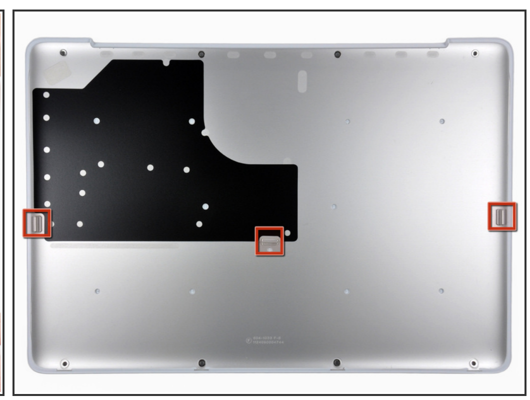


- Remove the eight 4 mm Phillips screws securing the lower case to the MacBook.

Step 2







⚠ The lower case is constructed of rubber-coated aluminum. Do not excessively bend the aluminum during removal, as any permanent deformation will cause tolerance issues after reassembly.

- Slightly lift the lower case near the vent opening.
- Continue running your fingers between the lower and upper cases until the upper case pops off its retaining clips.

ⓘ The location of these three clips is shown in the third picture.

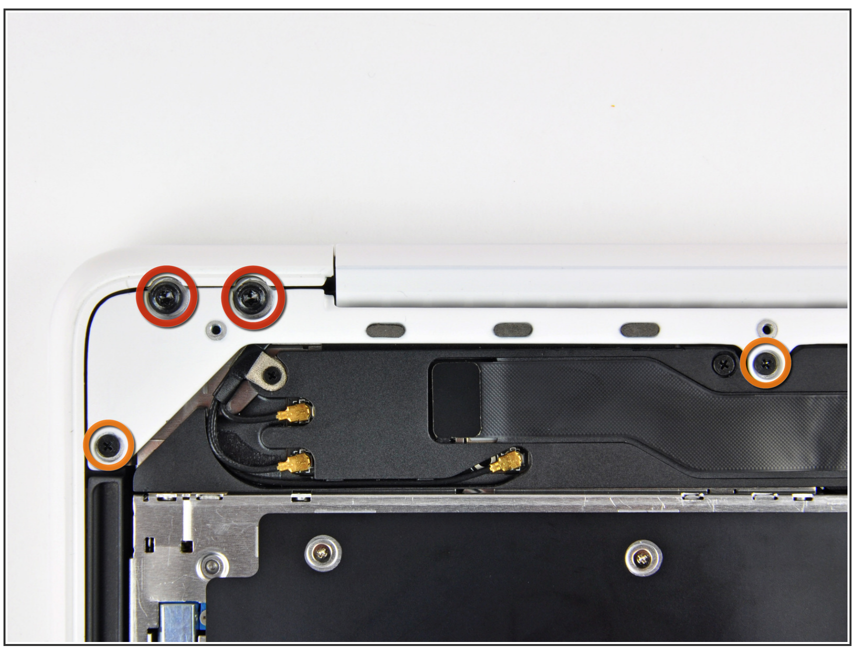
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Step 3 — Battery



- ⚠ For precautionary purposes, we advise that you disconnect the battery connector from the logic board to avoid any electrical discharge. This step is **optional** and is not required.
- Use the flat end of a spudger to lift the battery connector up out of its socket on the logic board.
- ⓘ It may be easier to use your fingernails to lift up on both sides of the connector.

Step 4 — Rear Vent



- Remove the following screws from the optical drive side of the rear vent:
  - Two 10 mm T8 Torx
  - Two 5.2 mm Phillips

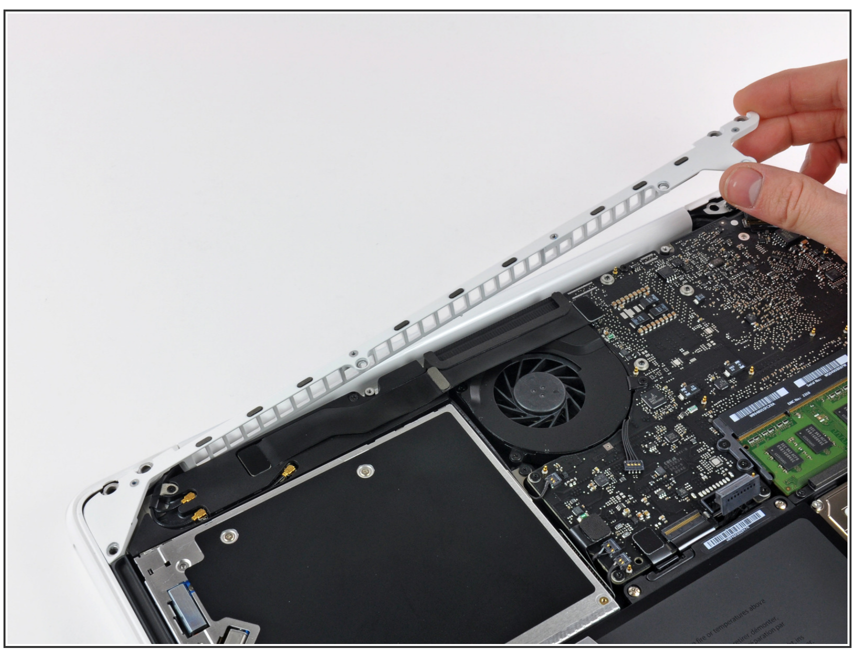
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Step 5



- Remove the following screws from the port side of rear vent:
  - Two 10 mm T8 Torx
  - Two 5.2 mm Phillips

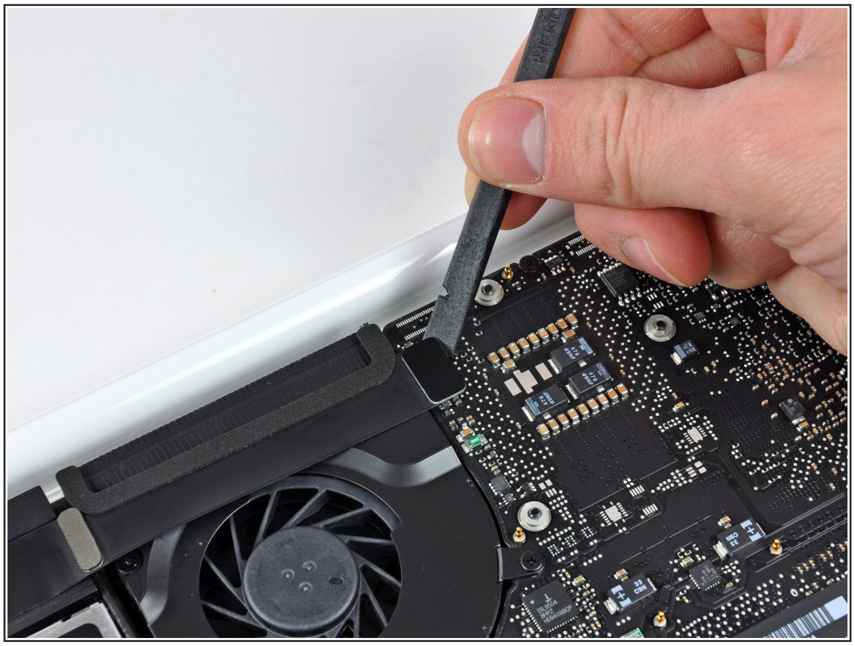
Step 6



- Carefully lift the rear vent out of the upper case.

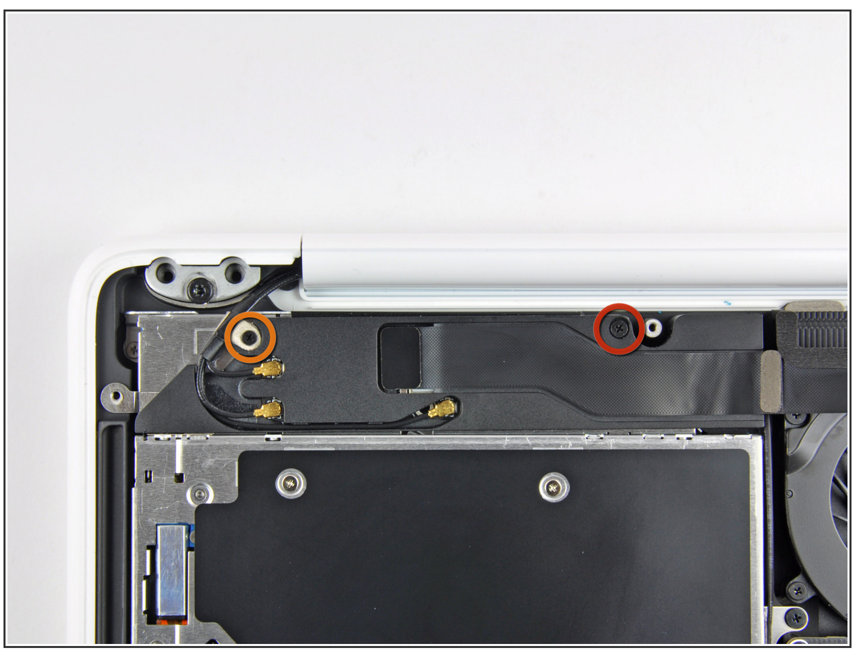
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Step 7 — Rear Speaker Assembly



- Use the flat end of a spudger to pry the AirPort/Bluetooth cable connector up off the logic board.

Step 8



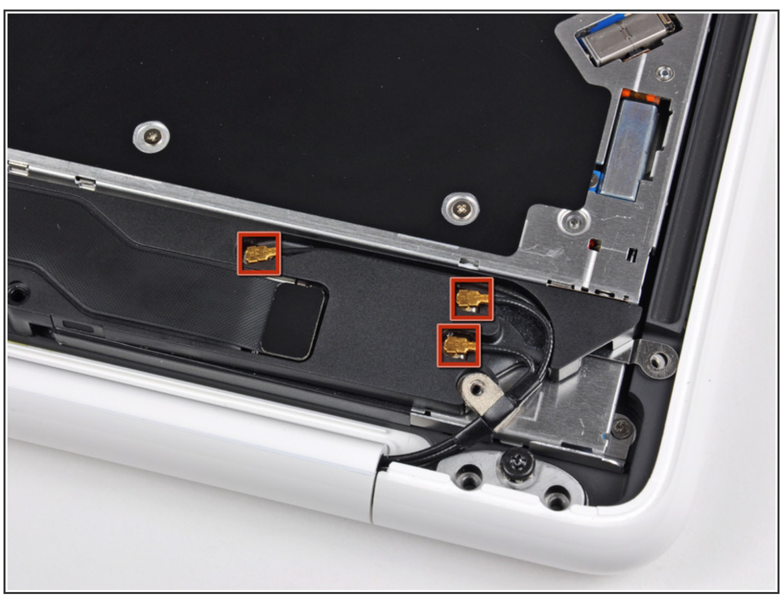
- Remove the following screws securing the right speaker assembly to the upper case:
  - One 12 mm Phillips screw.
  - One 3 mm Phillips screw.

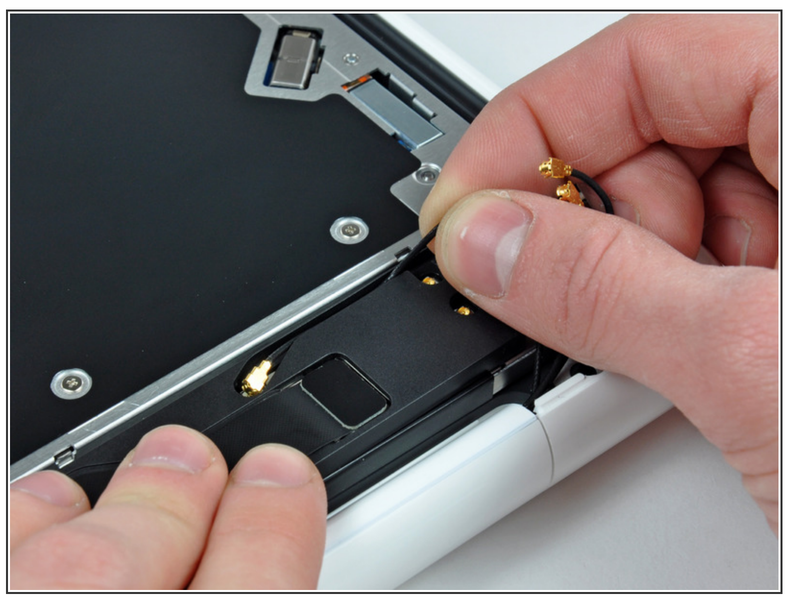
Step 9



- Remove the single 2.2 mm Phillips screw inserted horizontally into the side of the optical drive.

Step 10





- Pry the AirPort and Bluetooth antenna connectors (3 total) up off the AirPort/Bluetooth card.
- De-route the long antenna from its channel in the rear speaker housing.

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Step 11



- Use the flat end of a spudger to pry the rear speaker cable connector up off the logic board.

Step 12



- Remove the rear speaker assembly from the upper case.

Step 13





- Carefully peel the AirPort/Bluetooth cable from its channel within the rear speaker assembly.
- Use the flat end of a spudger to pry the AirPort/Bluetooth cable up off the rear speaker.

Step 14



- Remove three 3 mm Phillips screws securing the AirPort/Bluetooth board to the rear speaker assembly.

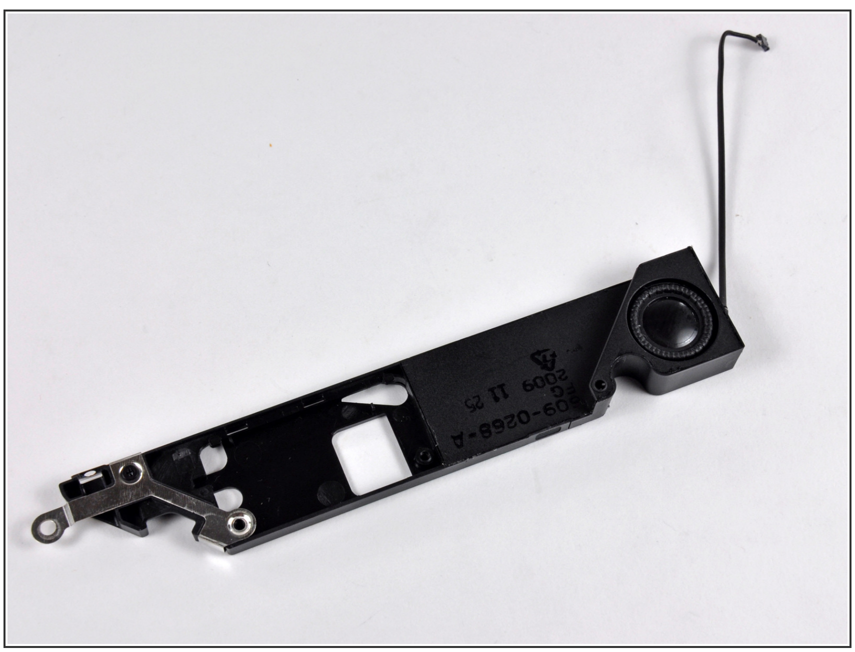
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Step 15



- Lift the AirPort/Bluetooth board up off the rear speaker assembly.

Step 16 — Rear Speaker



- Rear speaker remains.

To reassemble your device, follow these instructions in reverse order.

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